

DATA PROCESSING SYSTEM FOR COMPLEX  
PRICING AND TRANSACTIONAL ANALYSIS

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5 ABSTRACT OF THE DISCLOSURE

10 The present invention provides methods and systems  
for defining financial transaction components; defining  
mapping rules for taking individual financial transactions  
and breaking them down into their components, such as  
15 production services, billing services and settlement  
services. A data processing system in accordance with one  
embodiment of the present invention, creates a transaction  
instance corresponding to a financial transaction, creates  
a production service instance linked to the transaction  
15 instance by a first relation instance, and creates a  
billing service instance linked to the production service  
instance by a second relation instance. The data  
processing system, may also create other production  
service instances linked to the transaction instance using  
20 other relation instances, as well as, other billing  
service instances linked to the production service  
instances.